

**90 Rec'd PCT/PTO 26 JUL 2002**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Mayuki MIZUKOSHI

Serial No.: 10/088,490

**ATTN: PCT BRANCH**

International Appln. No.: PCT/JP01/02934

**Confirmation No.: 2369**

International Filing Date: April 4, 2001

Atty. Docket No.: 107379-00001

For: BRUSH REFORMING APPARATUS FOR TOOTHBRUSH

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

Commissioner for Patents  
Washington, D. C. 20231

July 26, 2002

Sir:

In response to the Notification of Missing Requirements dated April 4, 2002, attached are copies of the Form PTO-1390 and Declaration and Power of Attorney which were filed in the Patent and Trademark Office on May 15, 2002. A copy of the stamped postcard receipt indicating that the papers were filed in the Patent and Trademark Office on May 15, 2002, is also enclosed.

It is respectfully submitted that the requirement in the Notification of Missing Requirements has been fulfilled.

In the event that any fees are due with respect to this paper, please charge our Deposit Account No. 01-2300, referencing our docket number of 107379-00001.

Respectfully submitted,

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC



George E. Oram, Jr.  
Attorney for Applicants  
Reg. No. 27,931

1050 Connecticut Avenue, N.W.  
Suite 400  
Washington, D.C. 20036-5339  
Tel (202) 857-6000  
Fax (202) 638-4810

GEO/bgk

Enclosures: Copy of Notice  
Form PTO-1390  
Declaration and Power of Attorney  
Stamped Postcard Receipt of May 15, 2002



## UNITED STATES PATENT AND TRADEMARK OFFICE

LISB 6/10

Commissioner for Patents, Box PCT  
 United States Patent and Trademark Office  
 Washington, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/088,490	Mayuki Mizukoshi	107379-00001
INTERNATIONAL APPLICATION NO.		
PCT/JP01/02934		
LA. FILING DATE		PRIORITY DATE
04/04/2001		

Arent Fox Kinter Plotkin & Kahn  
 Suite 400  
 1050 Connecticut Avenue N W  
 Washington, DC 20036-5339

**CONFIRMATION NO. 2369**  
**371 FORMALITIES LETTER**



\*OC000000008226846\*

Date Mailed: 06/04/2002

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494):

- U.S. Basic National Fees
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Preliminary Amendments
- Request for Immediate Examination
- Small Entity Statement

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DEBORAH D WILLIAMS

Telephone: (703) 305-3744

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/088,490	PCT/JP01/02934	107379-00001

FORM PCT/DO/EO/905 (371 Formalities Notice)

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

DATE: May 15, 2002

U.S. APPLN. NO.  
(IF KNOWN, SEE 37 C.F.R. 1.5)  
NEW

INTERNATIONAL APPLICATION NO. PCT/JP01/02934	INTERNATIONAL FILING DATE April 4, 2001	PRIORITY DATE CLAIMED September 18, 2000
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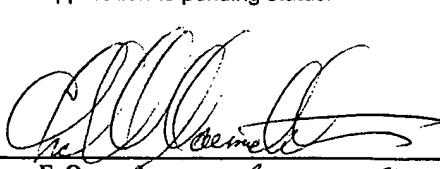
## TITLE OF INVENTION: BRUSH REFORMING APPARATUS FOR TOOTHBRUSH

APPLICANT(S) FOR DO/EO/US: Mayuki MIZUKOSHI and Akiko Kiyo MIZUKOSHI (both of Chiba, Japan)

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.  
(THE BASIC FILING FEE IS ATTACHED)
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures [35 U.S.C. 371(f)] at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4.  A proper demand for International Preliminary Amendment was made by the 19th month from the earliest claimed priority date.
5.  A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  A translation of the International Application into English [35 U.S.C. 371(c)(2)].
7.  Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  A translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9.  An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
10.  A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

Items 11 - 16 below concern other document(s) or information included:

11.  An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.  
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14.  A substitute specification.
15.  A change of power of attorney and/or address letter.
16.  Other items or information:

U.S. APPLN NO. (IF KNOWN SEE 37 C.F.R. 1.50) NEW		INTERNATIONAL APPLICATION NO. PCT/JP01/02934		ATTORNEY DOCKET NO. 107379-00001  DATE: May 15, 2002	
<p>17. <input type="checkbox"/> The following fees are submitted:</p> <p><b>Basic National F [37 C.F.R. 1.492(a)(1)-(5)]:</b></p> <p>Search Report has been prepared by the EPO or JPO.....\$890.00            International preliminary examination fee paid to USPTO            (37 C.F.R. 1.482).....\$710.00            No international preliminary examination fee paid to USPTO            (37 C.F.R. 1.482) but international search fee paid to USPTO            [37 C.F.R. 1.445(a)(2)].....\$740.00            Neither international preliminary examination fee            (37 C.F.R. 1.482) or international search fee            [37 C.F.R. 1.445(a)(2)] paid to USPTO.....\$1,040.00            International preliminary examination fee paid to USPTO            (37 C.F.R. 1.482) and all claims satisfied provisions of            PCT Article 33(2)-(4).....\$ 100.00</p>				CALCULATIONS	PTO USE ONLY
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)]. 				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	9 - 20 =	0	X \$ 18.00	\$	
Independent Claims	4 - 3 =	1	X \$ 84.00	\$	
Multiple dependent claim(s) (if applicable)			+ \$280.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	
Reduction by one-half for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28).				\$	
<b>SUBTOTAL =</b>				\$	
Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. +				\$	
<b>TOTAL NATIONAL FEE =</b>				\$	
Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$ 40.00	
				Amount to be refunded	\$
				Charged	\$
a. <input type="checkbox"/> Please charge Deposit Account No. 01-2300 in the amount of \$.00 to cover the above fees. b. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-2300.					
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive [37 C.F.R. 1.137(a) or (b)] must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Arent Fox Kintner Plotkin & Kahn 1050 Connecticut Avenue, N.W. Suite 400 Washington, D.C. 20036-5339 Tel: (202) 857-6000 Fax: (202) 638-4810 GEO/bkg					
 George E. Oram, Jr. Reg. No. 27,931					

## Declaration For U.S. Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled  
 (Insert Title) BRUSH REFORMING APPARATUS FOR TOOTHBRUSH

the specification of which is attached hereto unless the following box is checked:

<input checked="" type="checkbox"/> was filed on <u>4 April 2001</u>	As PCT International Application
Number <u>JP 01/02934</u>	and was amended on _____
<b>and/or</b> was filed on _____	
Number _____	As U.S. Patent Application
and was amended on _____	

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application having a filing date before that of the application(s) for which priority is claimed:

(List prior foreign applications)	<u>2000-281453</u>	<u>Japan</u>	<u>18 September 2000</u>	Priority Claimed
	(Number)	(Country)	(Day/Month/Year Filed)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

<u>(Application Number)</u>	<u>(Filing Date)</u>
<u>(Application Number)</u>	<u>(Filing Date)</u>

See attached list for additional prior foreign or provisional applications.

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) (U.S. or PCT) in the manner provided by the first paragraph of 35, U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

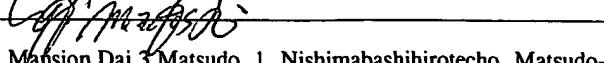
(List prior U.S. Applications or PCT International applications designating the U.S.)	<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status) (patented, pending, abandoned)</u>
	<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status) (patented, pending, abandoned)</u>

And I hereby appoint the firm of Arent Fox, Customer Number 004372 including as principal attorneys: Robert B. Murray, Reg. No. 22,980; Charles M. Marmelstein, Reg. No. 25,895; George E. Oram, Jr., Reg. No. 27,931; Douglas H. Goldhush, Reg. No. 33,125; Richard J. Berman, Reg. No. 39,107; Murat Ozgu, Reg. No. 44,275; Robert K. Carpenter, Reg. No. 34,794; Rustan Hill, Reg. No. 37,351; Kevin Turner, Reg. No. 43,437; Rhonda C. Barton, Reg. No. P47,271; Hans J. Crosby, Reg. No. 44,634; David D. Dzara, Reg. No. 47,543; Lynne D. Anderson, Reg. No. 46,412; Dinnatia J. Doster, Reg. No. 45,268; Michael Steinberg, Reg. No. 43,160; Lynn A. Bristol, Reg. No. 48,898; and Sam Huang, Reg. No. P48,430.

Please direct all communications to the following address: Customer No. 004372  
**AREN'T FOX KINTNER PLOTKIN & KAHN, PLLC**  
 1050 Connecticut Avenue, N.W., Suite 400  
 Washington, D.C. 20036-5339  
 Telephone No. (202) 857-6000; Facsimile No. (202) 638-4810

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Mayuki MIZUKOSHI  
Inventor's signature  Date 1 MAY 2002

Residence Room 209, Mansion Dai 3 Matsudo, 1, Nishimabashihirotecho, Matsudo-shi, Chiba 271-0048, Japan  
Citizenship Japanese  
Post Office Address Same as above

Full name of sole or second inventor \_\_\_\_\_  
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of sole or third inventor \_\_\_\_\_  
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

PL

Due Date:

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IDS/1445  
 Assignment Recordation  
 Declaration

The following papers are attached:  
 Amendment/Response  
 Extension of Time(1,2,3)  
 Response to Missing Parts  
 Priority Document  
 Notice of Appeal  
 Issue Fee



Attorney Docket No. 107379-00001  
U.S. Patent Application No. 10/088,490  
Filed: March 26, 2002  
Applicants: M. Mizukoshi  
Papers filed herewith on: May 15, 2002  
A check in the amount of \$40.00

COMMISSIONER OF PATENTS